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**DATE:** March 7, 2012

**SUBJECT:** Organic Data Validation (Level M3)  
Site: Dimock  
CASE: R33917, PROJECT: 480-16102-1

**FROM:**

**Ex. 4 - CBI**

**TO:** Colleen Walling  
ESAT Region 3 Project Officer

### **OVERVIEW**

Case R33917, Project 480-16102-1, from the Dimock site consisted of twelve (12) aqueous samples including two (2) field blanks analyzed for ethylene glycol. All samples were submitted to TestAmerica (TALBUF) for analysis. The sample set contained two (2) field blanks. The samples were analyzed according to Test Methods for Evaluating Solid Waste SW-846 Method 8015B.

### **SUMMARY**

Data were validated according to Region 3 Modifications to the National Functional Guidelines for Organic Data Review, Level M3 and is assigned the Superfund Data Validation Label S4VM (Stage\_4\_Validation\_Manual). Areas of concern with respect to data usability are listed below.

### **MINOR PROBLEM**

- The laboratory employed a four (4) point calibration curve for the analysis of the compounds requested. However, Method 8015B specifies the use of a five (5) point curve. No action was taken by the reviewer based on this deviation from the method.

### **NOTES**

- No positive results were reported in the field samples in this data set. Therefore, no confirmation analyses were required.
- Reported recoveries and Relative Percent Differences (RPDs) in the Laboratory Control Sample (LCS) and Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses of sample HW55 were within control limits.

- The calibration factors calculated by the reviewer were slightly different than those calculated by the laboratory. Differences in calibration factors were due to rounding by the laboratory.

### **ATTACHMENTS**

- 1) Appendix A - Glossary of Data Qualifiers
- 2) Appendix B - Data Summary Forms
- 3) Appendix C - Chain of Custody (COC) Records
- 4) Appendix D - Laboratory Case Narrative

DCN: R33917\_Project 480-16102-1DimockM3